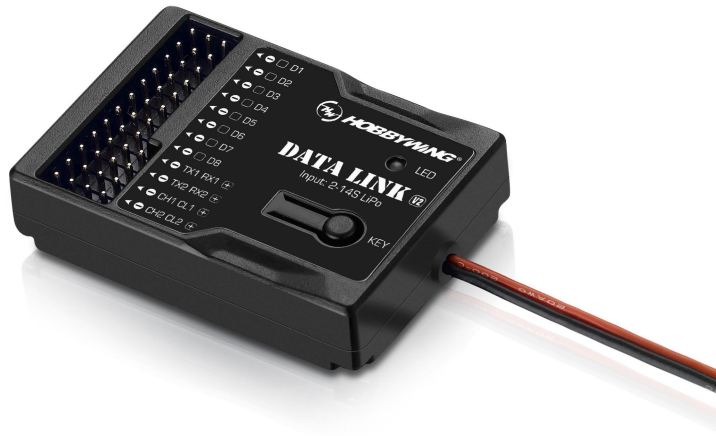




Datalink Firmware Upgrade Guide (Can)

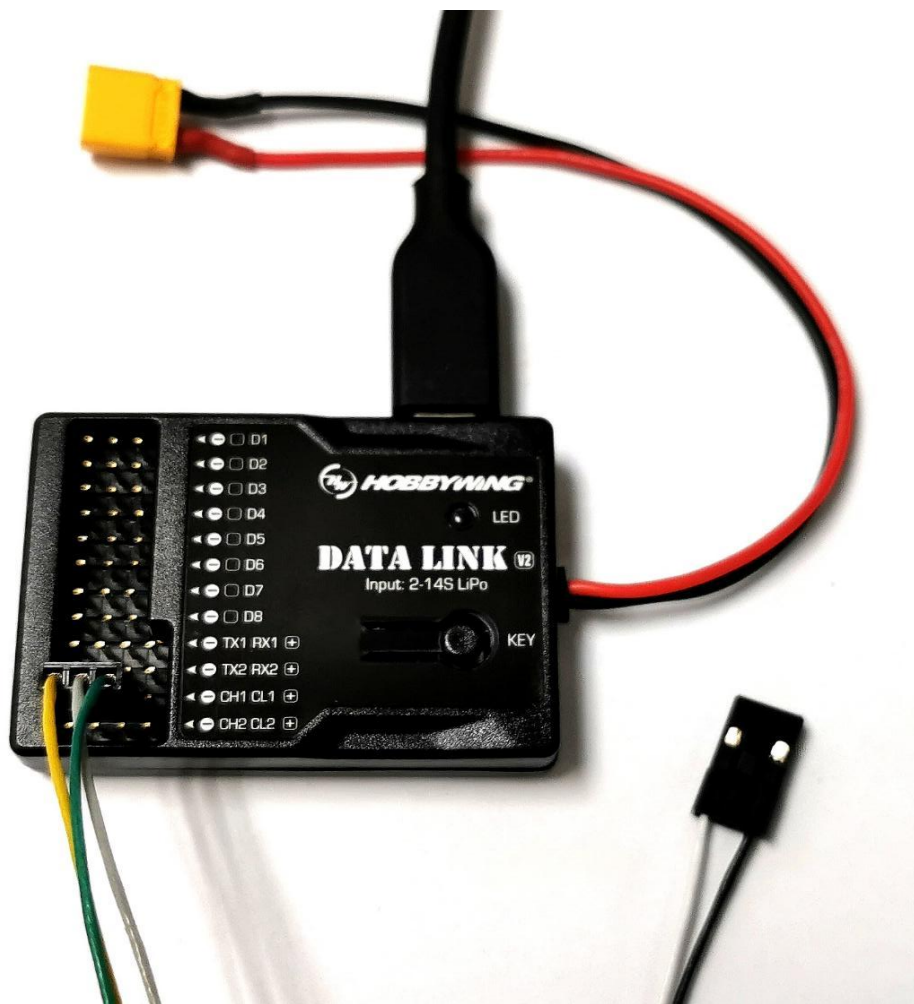
Tools:



Datalink V2



Type-C Cable



TIPS:

1. Datalink only needs USB power supply.
2. Independent power supply is required in the upgrade process. For details, see the following article.
3. Only one ESC upgrade is supported, using the -CH1 CL1 + .
4. The yellow line is GND, the middle is CH, and the green line is CL. The positive pole can not be connected.
5. Whether the black and white lines have access signals does not affect the upgrade.
6. If the LED light flashes red, it is abnormal. Please contact the after-sales service.

Software:



快速访问

桌面

下载

文档

图片

316使用辅助

技术参数

正式编号命名文件

最新制作

WPS网盘

此电脑

网络

HW590_YT1_V1.1G-U02X9616S110Z-13223041-HW

文件 主页 共享 查看

在 HW590_YT1_V1.1G-U02X9616S110Z-13223041-HW 中搜索

名称	修改日期	类型	大小
AutoSave	2022/5/17 13:54	文件夹	
Lib	2022/3/4 16:49	文件夹	
Log	2022/1/19 14:59	文件夹	
MSVCR100	2022/4/19 10:43	文件夹	
AIRCRAFT_ESC_settings.db3	2022/3/4 16:47	DB3 文件	112 KB
AIRCRAFT_ESC_version_control	2022/3/4 16:48	配置设置	7 KB
DataLink	2020/7/10 15:28	应用程序	2,811 KB
DataLink.exe.config	2019/8/20 14:34	CONFIG 文件	2 KB
DataLink.pdb	2020/7/16 14:21	PDB 文件	1,144 KB
LCD_settings.db3	2020/7/29 13:20	DB3 文件	4,444 KB
LCD_version_control	2022/3/17 9:52	配置设置	2 KB
msvcr100.dll	2009/8/24 10:15	应用程序扩展	744 KB
Newtonsoft.Json	2019/4/22 0:57	XML 文档	543 KB
System.Data.SQLite	2019/6/8 16:50	XML 文档	1,064 KB
UART_D.DAT	2018/8/17 17:50	DAT 文件	2 KB
UART_L.DAT	2018/8/9 15:41	DAT 文件	10 KB
version_control	2020/7/28 11:26	XML 文档	1 KB

17 个项目

 Firmware upgrade CAN tuning UART tuning

Update information

Database version: 2022-06-21

2022-10-29 16:50:51:826 : 316 time: 2022-10-29 16:50:51
2022-10-29 16:50:51:829 : System time: 2022-10-29 16:50:51
2022-10-29 16:50:51:831 : Same date, syncing not needed.

Types

☒ Uart->ESC☐ CAN->ESC☐ CAN☐ Uart->ESC(FAST)☐ CAN->ESC(FAST)☐ DataLink

316 Software version

LINK-01.2.14-C

Device Information

	Device version	Hardware version	Firmware version	Unique code
<input type="checkbox"/> Channel 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Channel 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Channel 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Channel 4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Channel 5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Channel 6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Channel 7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Channel 8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Scanning

Update

Available version:

Device type and hardware version:

Confirm that is the latest version



 Firmware upgrade CAN tuning UART tuning

Update information

Database version: 2022-06-21

2022-10-29 16:51:51:316 time: 2022-10-29 16:51:51
2022-10-29 16:51:51:156 : System time: 2022-10-29 16:51:51
2022-10-29 16:51:51:158 : Same date, syncing not needed.

Types

- ☐ Uart->ESC
☐ CAN->ESC
☐ CAN
☐ Uart->ESC(FAST)
☐ CAN->ESC(FAST)
☒ DataLink

Device type Hardware version Firmware version Available version

If not please update Datalink version from here

Update information

Database version: 2022-06-21

2022-10-29 16:58:56:987 : System time: 2022-10-29 16:58:56
2022-10-29 16:58:56:989 : Different date, Start syncing...
2022-10-29 16:58:57:066 : Date update failed.

Types

☐ Uart->ESC☐ CAN->ESC☐ CAN☐ Uart->ESC(FAST)☒ CAN->ESC(FAST)☐ DataLink

316 Software version

LINK-01.2.14-C

Device Information

Communication information

500Khz

Hobbywing

1. ESC drive

communication setting

Device type

Hardware version

Firmware version

Communication version

Unique code

<input type="checkbox"/> Channel 1	id:					
<input type="checkbox"/> Channel 2	id:					
<input type="checkbox"/> Channel 3	id:					
<input type="checkbox"/> Channel 4	id:					
<input type="checkbox"/> Channel 5	id:					
<input type="checkbox"/> Channel 6	id:					
<input type="checkbox"/> Channel 7	id:					
<input type="checkbox"/> Channel 8	id:					

Scanning

Update

Available version :

Device type and hardware version:

**Tips:**

Select the CAN->ESC(FAST) mode, click OK, and then click the Communication Settings.

Firmware upgrade

CAN tuning

UART tuning

Update information

Database version: 2022-06-21

2022-10-29 16:58:56:989 : Different date, Start syncing...
2022-10-29 16:58:57:066 : Date update failed.
2022-10-29 17:03:48:116 : Channel 1handshake succeeded.

Types

Uart->ESC

CAN->ESC

CAN

Uart->ESC(FAST)

CAN->ESC(FAST)

DataLink

316 Software version

LINK-01.2.14-C

Device Information

Communication information

500Khz

Hobbywing

1. ESC drive

communication setting

	Device type	Hardware version	Firmware version	Communication version	Unique code
<input checked="" type="checkbox"/> Channel 1	id: 1 XR_FOC_ESC_V5	HW597KZ1V4C1406	C026007V160Z	04.0.03_CAN	0M
<input type="checkbox"/> Channel 2	id: 0				
<input type="checkbox"/> Channel 3	id: 0				
<input type="checkbox"/> Channel 4	id: 0				
<input type="checkbox"/> Channel 5	id: 0				
<input type="checkbox"/> Channel 6	id: 0				
<input type="checkbox"/> Channel 7	id: 0				
<input type="checkbox"/> Channel 8	id: 0				

Scanning

Update

Available version : C026007V160Z

Device type and hardware version: XR_FOC_ESC_V5 , HW597KZ1V4C1406

Tips:

After scanning, power on the ESC at the same time. Then click Stop and the ESC informations are displayed, indicating that the communication is normal.

Update information

Database version: 2022-06-21

2022-10-29 16:58:56:989 : Different date, Start syncing...
2022-10-29 16:58:57:066 : Date update failed.
2022-10-29 17:03:48:116 : Channel 1handshake succeeded.

Types

- ☐ Uart->ESC
☐ CAN->ESC
☐ CAN
☐ Uart->ESC(FAST)
☒ CAN->ESC(FAST)
☐ DataLink

316 Software version

LINK-01.2.14-C

Device Information

Communication information

500Khz

Hobbywing

1. ESC drive

communication setting

Device type

Hardware version

Firmware version

Communication version

Unique code

<input checked="" type="checkbox"/> Channel 1	id: 1	XR_FOC_ESC_V5	HW597KZ1V4C1406	C026007V160Z	04.0.03_CAN	□M
<input type="checkbox"/> Channel 2	id: 0					
<input type="checkbox"/> Channel 3	id: 0					
<input type="checkbox"/> Channel 4	id: 0					
<input type="checkbox"/> Channel 5	id: 0					
<input type="checkbox"/> Channel 6	id: 0					
<input type="checkbox"/> Channel 7	id: 0					
<input type="checkbox"/> Channel 8	id: 0					

Scanning

Update

Available version :

C026007V160Z
C026007V160Z
XR_FOC_ESC_V5 - HW597KZ1V4C1406

Device type and hardware version: XR_FOC_ESC_V5 - HW597KZ1V4C1406

Tips:

In available version drop-down list, select the firmware version that you want and click Update



Update information

Database version: 2022-06-21

2022-10-29 16:58:57:066 : Date update failed.
 2022-10-29 17:03:48:116 : Channel 1handshake succeeded.
 2022-10-29 17:11:50:006 : Channel 1 from C026007V160Z upgrade to C026007V160Z


Types

- ☐ Uart->ESC
- ☐ CAN->ESC
- ☐ CAN
- ☐ Uart->ESC(FAST)
- ☒ CAN->ESC(FAST)
- ☐ DataLink

Device Information

Communication information

500Khz
 Hobbywing
 1. ESC drive
 communication setting

	Device type	Hardware version	Firmware version	Communication version	Unique code
<input checked="" type="checkbox"/> Channel 1	<div>  <div> Updating of channel 1 equipment is in progress at 14%... <div></div> </div> </div>				<input type="text" value="M"/>
<input type="checkbox"/> Channel 2					<input type="text"/>
<input type="checkbox"/> Channel 3					<input type="text"/>
<input type="checkbox"/> Channel 4					<input type="text"/>
<input type="checkbox"/> Channel 5 id: 0					<input type="text"/>
<input type="checkbox"/> Channel 6 id: 0					<input type="text"/>
<input type="checkbox"/> Channel 7 id: 0					<input type="text"/>
<input type="checkbox"/> Channel 8 id: 0					<input type="text"/>

Scanning
 Update

Available version : C026007V160Z

Device type and hardware version: XR_FOC_ESC_V5 , HW597KZ1V4C1406

Tips:

Waiting for the upgrade complete.

2022-10-29 17:03:48:116 : Channel 1 handshake succeeded.
2022-10-29 17:11:50:006 : Channel 1 from C026007V160Z upgrade to C026007V160Z
2022-10-29 17:12:17:598 : Channel 1 from C026007V160Z upgrade to C026007V160Z successfully.

Types

- ☐ Uart->ESC
☐ CAN->ESC
☐ CAN
☐ Uart->ESC(FAST)
☒ CAN->ESC(FAST)
☐ DataLink

316 Software version

LINK-01.2.14-C

Device Information

Communication information

500Khz

Hobbywing

1. ESC drive

communication setting

Device type

Hardware version

Firmware version

Communication version

Unique code

<input checked="" type="checkbox"/> Channel 1	id: 1	XR_FOC_ESC_V5	HW597KZ1V4C1406	C026007V160Z	04.0.03_CAN	04M
<input type="checkbox"/> Channel 2	id: 0					
<input type="checkbox"/> Channel 3	id: 0					
<input type="checkbox"/> Channel 4	id: 0					
<input type="checkbox"/> Channel 5	id: 0					
<input type="checkbox"/> Channel 6	id: 0					
<input type="checkbox"/> Channel 7	id: 0					
<input type="checkbox"/> Channel 8	id: 0					

Scanning

Update

Available version :

C026007V160Z

Device type and hardware version:

XR_FOC_ESC_V5 、 HW597KZ1V4C1406

Tips:

After the upgrade is complete,
repeat the operations on page 8
to check whether the upgrade is
successful.

